

Comparisons of Job Characteristics

Focus Occupation: Bicycle Repairers (49-3091)

Associated Occupation: Outdoor Power Equipment and Other Small Engine Mechanics (49-3053)

[Compare Knowledge](#)

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| | |
|----|--|
| << | Focus occupation element is much lower |
| < | Focus occupation element is lower |
| 0 | Focus occupation element is at a similar level |
| > | Focus occupation element is at a higher level |
| >> | Focus occupation element is at a much higher level |

Knowledge

Similarity of Focus Occupation to Associated Occupation: 84

Focus Occupation: Bicycle Repairers (49-3091)

Associated Occupation: Outdoor Power Equipment and Other Small Engine Mechanics (49-3053)

| Associated Occupation's Key Knowledge Elements | Average Rating, All Occupations | Associated Occupation's Rating | Focus Occupation's Rating | Evaluation of Focus Occupation | |
|--|---------------------------------|--------------------------------|---------------------------|--------------------------------|---|
| Mechanical | 6.8 | 18.5 | 17.6 | 0 | Current knowledge level may be sufficient |
| Sales and Marketing | 5.2 | 8.8 | 8.3 | 0 | Current knowledge level may be sufficient |
| Economics and Accounting | 4.4 | 7.1 | 3.8 | << | Extensive education and/or training may be required |

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills

Similarity of Focus Occupation to Associated Occupation: 84

Focus Occupation: Bicycle Repairers (49-3091)

Associated Occupation: Outdoor Power Equipment and Other Small Engine Mechanics (49-3053)

| Associated Occupation's Key Skills Elements | Average Rating, All Occupations | Associated Occupation's Rating | Focus Occupation's Rating | Evaluation of Focus Occupation | |
|---|---------------------------------|--------------------------------|---------------------------|--------------------------------|--|
| Repairing | 3.4 | 11.9 | 12.6 | 0 | Current skill level may be sufficient |
| Equipment Maintenance | 3.5 | 11.5 | 10.8 | 0 | Current skill level may be sufficient |
| Troubleshooting | 4.5 | 11.5 | 10.1 | < | A higher skill level may be required |
| Operation Monitoring | 6.6 | 10.2 | 6.2 | << | Extensive development of skills in this area may be required |
| Quality Control Analysis | 5.9 | 9.8 | 10.0 | 0 | Current skill level may be sufficient |
| Operation and Control | 5.4 | 9.5 | 6.0 | << | Extensive development of skills in this area may be required |
| Equipment Selection | 3.3 | 7.8 | 8.8 | > | Skill level is likely sufficient |

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

| Abilities | | Similarity of Focus Occupation to Associated Occupation: 87 | | | |
|---|---------------------------------|---|---------------------------|--------------------------------|--|
| Focus Occupation: Bicycle Repairers (49-3091) | | | | | |
| Associated Occupation: Outdoor Power Equipment and Other Small Engine Mechanics (49-3053) | | | | | |
| Associated Occupation's Key Abilities Elements | Average Rating, All Occupations | Associated Occupation's Rating | Focus Occupation's Rating | Evaluation of Focus Occupation | |
| Control Precision | 6.6 | 11.4 | 8.1 | << | Extensive improvement in abilities may be required |
| Finger Dexterity | 7.6 | 11.4 | 11.6 | 0 | Current ability level may be sufficient |
| Manual Dexterity | 6.5 | 10.8 | 12.0 | > | Current ability level is likely sufficient |
| Arm-Hand Steadiness | 6.8 | 10.7 | 10.6 | 0 | Current ability level may be sufficient |
| Visualization | 7.5 | 10.6 | 12.5 | > | Current ability level is likely sufficient |
| Multilimb Coordination | 6.0 | 10.0 | 6.7 | << | Extensive improvement in abilities may be required |
| Extent Flexibility | 4.8 | 8.7 | 7.7 | < | Some improvement in abilities may be required |
| Wrist-Finger Speed | 3.2 | 6.4 | 5.2 | < | Some improvement in abilities may be required |

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

| Activities that Both Occupations Have in Common | | Similarity of Focus Occupation to Associated Occupation: 89 |
|--|-------------------------|---|
| Focus Occupation: Bicycle Repairers (49-3091) Associated Occupation: Outdoor Power Equipment and Other Small Engine Mechanics (49-3053) | | |
| Work Activities | Exclusivity of Activity | |
| Adhere to safety procedures | 12 | |
| Adjust or set mechanical controls or components | 69 | |
| Align or adjust clearances of mechanical components or parts | 72 | |
| Determine installation, service, or repair needed | 58 | |
| Estimate time or cost for installation, repair, or construction projects | 54 | |
| Fabricate, assemble, or disassemble manufactured products by hand | 11 | |
| Maintain repair records | 65 | |
| Move or fit heavy objects | 8 | |
| Perform safety inspections in industrial, manufacturing or repair setting | 32 | |
| Read schematics | 34 | |
| Read specifications | 23 | |
| Read work order, instructions, formulas, or processing charts | 9 | |
| Repair or replace malfunctioning or worn mechanical components | 62 | |
| Test mechanical products or equipment | 56 | |

| | |
|--|----|
| Understand service or repair manuals | 40 |
| Use hand or power tools | 2 |
| Use knowledge of metric system | 39 |
| Use oral or written communication techniques | 1 |

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Tools and Technologies that Both Occupations Have in Common

Similarity of Focus
Occupation to Associated
Occupation: n/a

Focus Occupation: Bicycle Repairers (49-3091)

Associated Occupation: Outdoor Power Equipment and Other Small Engine Mechanics (49-3053)

Tools and Technologies

Exclusivity

Tools and technology data is unavailable for one or both occupations.

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.